



Missouri Economic Research Brief

AGRICULTURAL INDUSTRIES

Missouri's Farms and Agribusiness

Missouri's farm and agribusiness sectors include crop and livestock production, agricultural product processors, and farm-related industries. Missouri is home to 99,171 farms, the second largest amount in the United States. It employs 283,825 workers in farms and agribusiness industries. Top agribusiness industries are meat and poultry processing plants, veterinary services, food manufacturers, and pesticide and chemical manufacturers.

Location Quotient (LQ) measures an area's distribution of industry employment relative to the national share. An LQ greater than 1 indicates a high concentration of an industry. As the map below illustrates, a majority of counties in northeast, southwest, and southeast regions of the state are highly concentrated in agriculture.

Top Agricultural Products by Market Value

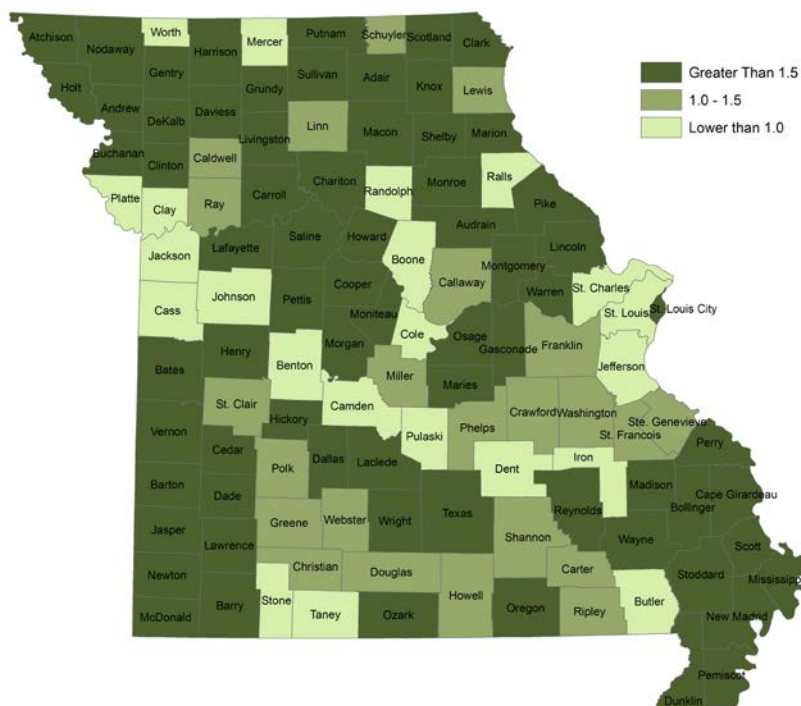
Product	2012 (\$)
Soybeans	2,292,450,000
Cattle and Calves	1,968,617,000
Corn	1,816,650,000
Poultry and Eggs	1,441,676,000
Hogs and Pigs	882,526,000
Hay	610,980,000
Wheat	271,742,000
Cotton	256,493,000
Rice	174,445,000
Grain Sorghum	21,973,000
Oats	1,726,000

Source: 2012 Census of Agriculture,
National Agricultural Statistics Service

Farm and Agribusiness Facts



Agribusiness Employment Location Quotient



FARM AND AGRIBUSINESS

Missouri's Agricultural Labor, Farms, and Market Value 2007 vs. 2012

Item	2007	2012	Change	% Change
Hired/Contracted Labor	47,033	56,543	9,510	20.22%
Farm Owners/Operators	163,553	152,817	-10,736	-6.56%
Agribusiness Employment	87,734	74,465	-13,269	-15.12%
Total Missouri Farm & Agribusiness Labor	298,320	283,825	-14,495	-4.86%
Number of Farms	107,825	99,171	-8,654	-8.03%
Land in Farms (Acres)	29,026,573	28,266,137	-760,436	-2.62%
Average size of farms (acres)	269	285	16	5.95%
Market Value of Production (2012 \$ bln)	7.51	9.16	1.65	21.97%
Market Value of production/farm (2012 \$)	69,677	92,415	22,738	32.63%

Source: 2007 and 2012 Census of Agriculture, National Agricultural Statistics Survey

Missouri's agricultural sector in the previous five years has seen the numbers of farms and acreage reduced yet increased their production value.

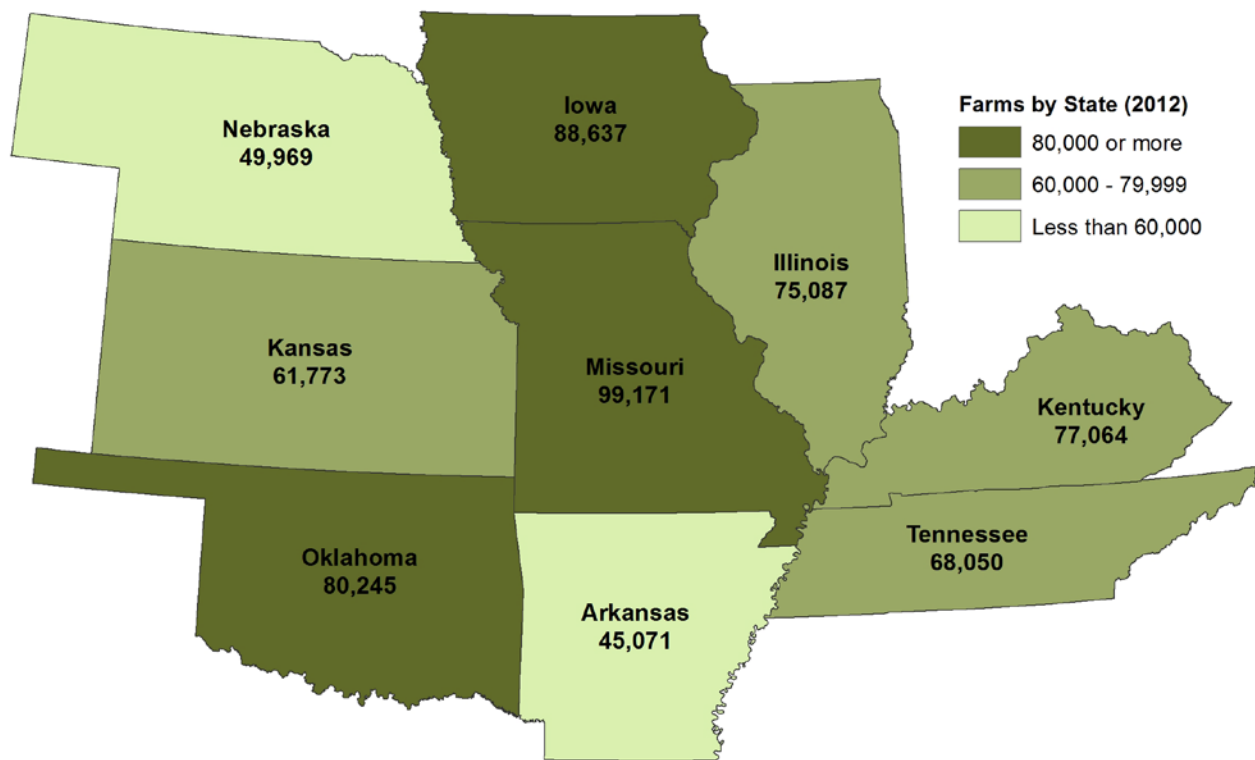
Agricultural employment decreased from 2007 to 2012. Agribusiness employment, which includes people employed in agricultural production, processing, and related industries, decreased by 15.1% during the period. The number of farm owners/operators, who are people operating and making day-to-day decisions on farms, also decreased. There were over 10,000 fewer farm owners/operators in 2012, a loss of 6.6%. The only labor category that increased were hired/contracted labor, which are farm workers, by over 20%.

The number of farms in the state has fallen in the last five years, from nearly 108,000 in 2007 to just over 99,000 in 2012, a decrease of 8%. The amount of farm acreage fell by 2.6% during the time period. The average size of farms, however, has increased by nearly 6%, from 269 acres to 285 acres.

Market value of production of farms, an indicator measuring the total value of overall crop and livestock, saw growth. Market value increased by nearly 22% from 2007 to 2012, or nearly \$1.7 billion dollars. The market value of production per farm increased 32.6%, or over \$22,000/farm.

FARM AND AGRIBUSINESS

Missouri Farm and Livestock



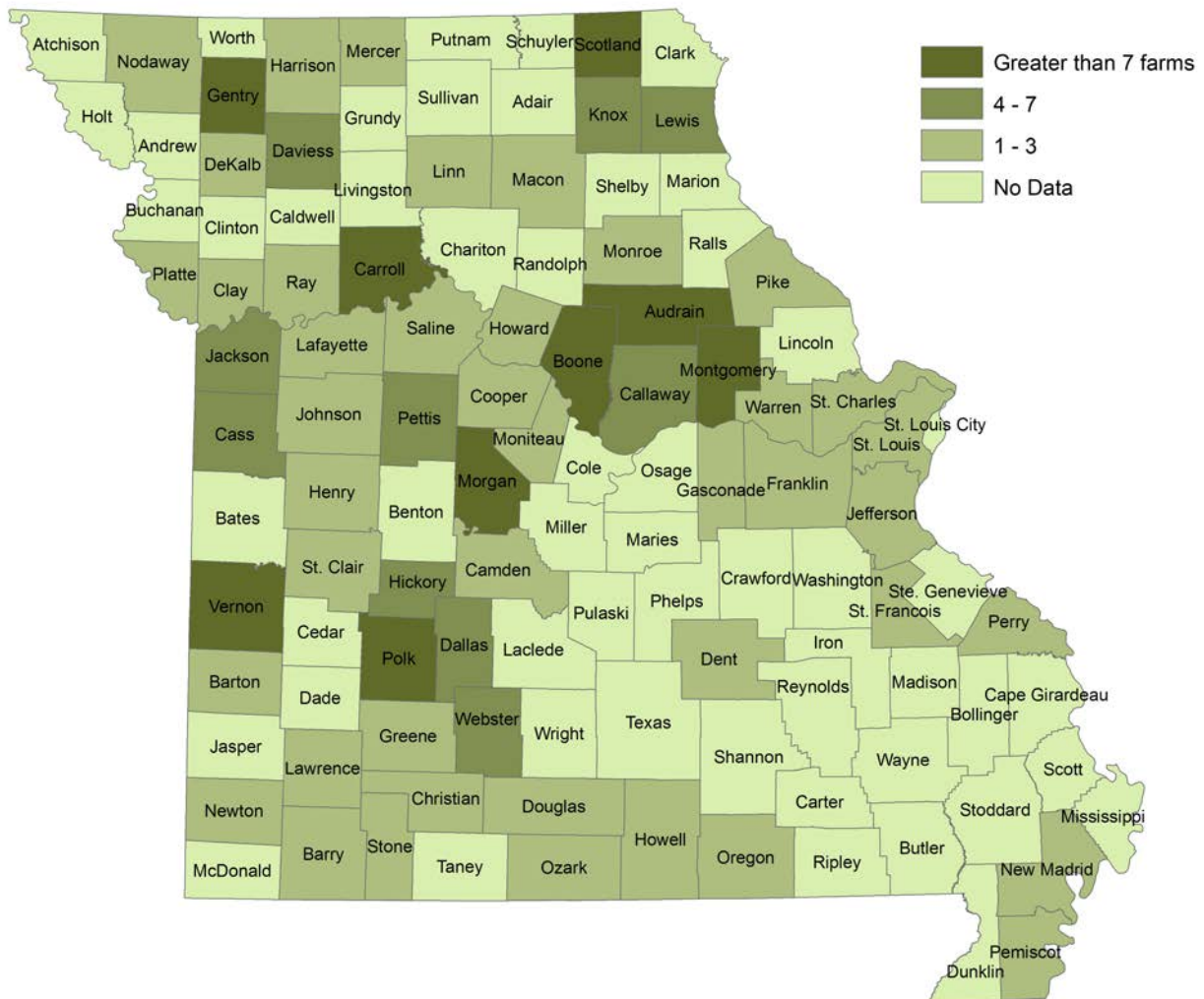
Missouri has 99,171 farms (5% of U.S. farms), totaling more than 28 million acres in 2012. The state has the second largest amount of farms in the U.S. and also has the most farms among its neighboring states.

Missouri is ranked 9th in its inventory of chickens with 46.9 million. Missouri is ranked 8th in its inventory of cattle and calves with 3.7 million. The state is also ranked 4th in the supply of turkeys with 7.6 million.

In terms of field crops, Missouri is ranked 4th in acreage of soybeans with 5.3 million acres. The state is ranked 2nd in the amount of forage land, which includes hay and haylage, totaling 3.4 million acres. The state ranked 11th in total corn acreage with 3.3 million acres.

FARM AND AGRIBUSINESS

Missouri Organic Farms

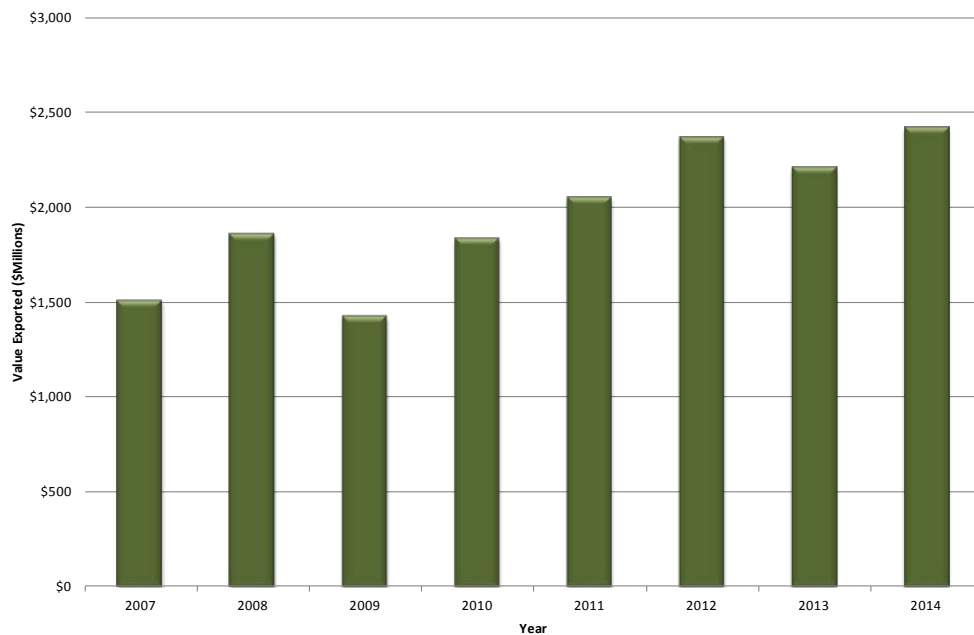


Organic production is continuing to increase in popularity in Missouri. According to the 2012 Agricultural Census, 226 farms were classified organic by the U.S. Department of Agriculture. As of 2011, there were 22,227 acres under organic production. Total organic product sales were \$12 million in 2012, an enormous increase from total product sales of \$3.8 million in 2007 (216 % increase).

The counties with the most organic farms are in Carroll (17), Scotland (15), Polk (14), Gentry (11), and Boone (10). Eleven other counties have between 5 and 10 organic farms.

Agriculture Exports

**Missouri Agricultural Product Exports
2007 -2014**



Agricultural exports are a significant part of Missouri's trade. Agricultural exports were 17% of total exports in 2014. Since 2007, agricultural exports have increased by 60%, from \$1.5 billion to \$2.4 billion, while total exports increased by 4.9%.

The largest sub-sector of agriculture exports were Food and Kindred Products, making up over 66% of exports in the category in 2014 (\$1.6 billion). The second largest sub-sector was agricultural products, totaling \$443 million in 2014. Beverage and tobacco products were the third highest sub-sector, with \$202.6 million of exports.

Export	2007	2012	2013	2014	% Change 07 - 14
Food And Kindred Products	732,787,685	1,561,700,666	1,557,401,473	1,604,041,530	118.9%
Agricultural Products	600,309,036	591,113,327	372,605,912	433,448,934	-27.8%
Beverages And Tobacco Products	33,754,103	82,401,651	129,376,422	202,642,706	500.3%
Wood Products	73,908,644	91,935,913	101,452,127	133,253,869	80.3%
Forestry Products	55,497,393	26,863,901	23,845,390	31,910,756	-42.5%
Textile Mill Products	5,714,396	7,170,013	8,542,414	6,548,009	14.6%
Livestock And Livestock Products	4,258,236	2,044,861	5,052,258	3,406,741	-20.0%
Fish, Fresh, Chilled, Or Frozen And Other Marine Products	433,825	2,137,071	4,328,357	1,660,219	282.7%
Total Agricultural Exports	1,506,663,318	2,365,367,403	2,202,604,353	2,416,912,764	60.4%
TOTAL ALL INDUSTRIES	13,483,588,154	13,903,241,672	12,930,037,104	14,140,665,981	4.9%

FARM AND AGRIBUSINESS

Data Sources

1. 2007 and 2012 Census of Agriculture, United States Department of Agriculture.
2. U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2007 and 2012 annual data.
3. WISER Trade, U.S. Census Bureau, Foreign Trade Division, 2007 and 2012 – 2014.



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